

Hydric Soils List

James City and York Counties and the City of Williamsburg, Virginia

Map Symbol and Map Unit Name	Component	Hydric	Local Landform	Hydric Soils Criteria				Acres
				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
1: Altavista fine sandy loam	Altavista	No	---	---	---	---	---	1,552
	Augusta	No	---	---	---	---	---	91
	Dragston	No	---	---	---	---	---	91
	Seabrook	No	---	---	---	---	---	91
2: Augusta fine sandy loam	Augusta	No	---	---	---	---	---	686
	Altavista	No	---	---	---	---	---	34
	Dragston	No	---	---	---	---	---	34
	Munden	No	---	---	---	---	---	26
	Nimmo	Yes	Depression	2B3	Yes	No	No	26
	Seabrook	No	---	---	---	---	---	26
	Tomotley	Yes	Depression	2B3	Yes	No	No	26
3: Axis very fine sandy loam	Axis	Yes	Salt Marsh	2B3	Yes	No	No	883
	Bohicket	Yes	Salt Marsh	2B3,3	Yes	No	Yes	66
	Johnston	Yes	Flood Plain	2B3,3,4	Yes	Yes	Yes	66
	Levy	Yes	Salt Marsh	2B3,3,4	Yes	Yes	Yes	66
	Beaches	Yes	Beach	4	No	Yes	No	22
4: Beaches	Beaches	Yes	Beach	4	No	Yes	No	52
	Axis	Yes	Salt Marsh	2B3,3	Yes	No	Yes	11
	Bohicket	Yes	Salt Marsh	2B3,3	Yes	No	Yes	11
5: Bethera silt loam	Bethera	Yes	Depression	2B3	Yes	No	No	2,683
	Izagora	No	---	---	---	---	---	158
	Slagle	No	---	---	---	---	---	158
	Yemassee	No	---	---	---	---	---	158
6: Bohicket muck	Bohicket	Yes	Salt Marsh	2B3	Yes	No	No	2,238
	Axis	Yes	Salt Marsh	2B3,3	Yes	No	Yes	99

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6: Bohicket muck	Johnston	Yes	Flood Plain	2B3,3,4	Yes	Yes	Yes	75
	Levy	Yes	Salt Marsh	2B3,3,4	Yes	Yes	Yes	75
7: Bojac sandy loam	Bojac	No	---	---	---	---	---	850
	Altavista	No	---	---	---	---	---	53
	Dragston	No	---	---	---	---	---	53
	Munden	No	---	---	---	---	---	53
	Seabrook	No	---	---	---	---	---	53
8B: Caroline fine sandy loam, 2 to 6 percent slopes	Caroline	No	---	---	---	---	---	535
	Emporia	No	---	---	---	---	---	31
	Sagle	No	---	---	---	---	---	31
	Uchee	No	---	---	---	---	---	31
9: Chickahominy silt loam	Chickahominy	Yes	Flat	2B3	Yes	No	No	1,252
	Augusta	No	---	---	---	---	---	63
	Dogue	No	---	---	---	---	---	63
	Newflat	No	---	---	---	---	---	63
	Peawick	No	---	---	---	---	---	63
	Tetotum	No	---	---	---	---	---	63
10B: Craven fine sandy loam, 2 to 6 percent slopes	Craven	No	---	---	---	---	---	807
	Caroline	No	---	---	---	---	---	40
	Emporia	No	---	---	---	---	---	40
	Kempsville	No	---	---	---	---	---	40
	Slagle	No	---	---	---	---	---	40
	Uchee	No	---	---	---	---	---	40

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				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
10C: Craven fine sandy loam, 6 to 10 percent slopes	Craven	No	---	---	---	---	---	614
	Caroline	No	---	---	---	---	---	31
	Emporia	No	---	---	---	---	---	31
	Kempsville	No	---	---	---	---	---	31
	Slagle	No	---	---	---	---	---	31
	Uchee	No	---	---	---	---	---	31
11B: Craven-Uchee complex, 2 to 6 percent slopes	Craven	No	---	---	---	---	---	97
	Uchee	No	---	---	---	---	---	97
	Caroline	No	---	---	---	---	---	17
	Emporia	No	---	---	---	---	---	17
	Kempsville	No	---	---	---	---	---	17
	Kenansville	No	---	---	---	---	---	17
	Slagle	No	---	---	---	---	---	17
11C: Craven-Uchee complex, 6 to 10 percent slopes	Craven	No	---	---	---	---	---	8,434
	Uchee	No	---	---	---	---	---	8,434
	Caroline	No	---	---	---	---	---	1,928
	Slagle	No	---	---	---	---	---	1,928
	Emporia	No	---	---	---	---	---	1,687
	Kempsville	No	---	---	---	---	---	1,687
12: Dogue loam	Dogue	No	---	---	---	---	---	793
	Altavista	No	---	---	---	---	---	28
	Chickahominy	Yes	Depression	2B3	Yes	No	No	28
	Newflat	No	---	---	---	---	---	28
	Pamunkey	No	---	---	---	---	---	28

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				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
12: Dogue loam	Peawick	No	---	---	---	---	---	28
13: Dragston fine sandy loam	Dragston	No	---	---	---	---	---	1,533
	Altavista	No	---	---	---	---	---	54
	Augusta	No	---	---	---	---	---	54
	Nimmo	Yes	Depression	2B3	Yes	No	No	54
	Seabrook	No	---	---	---	---	---	54
	Tomotley	Yes	Depression	2B3	Yes	No	No	54
14B: Emporia fine sandy loam, 2 to 6 percent slopes	Emporia	No	---	---	---	---	---	4,040
	Caroline	No	---	---	---	---	---	202
	Izagora	No	---	---	---	---	---	202
	Kempsville	No	---	---	---	---	---	152
	Kenansville	No	---	---	---	---	---	152
	Suffolk	No	---	---	---	---	---	152
	Uchee	No	---	---	---	---	---	152
14C: Emporia fine sandy loam, 6 to 10 percent slopes	Emporia	No	---	---	---	---	---	978
	Caroline	No	---	---	---	---	---	49
	Kempsville	No	---	---	---	---	---	49
	Kenansville	No	---	---	---	---	---	49
	Slagle	No	---	---	---	---	---	49
	Uchee	No	---	---	---	---	---	49
15D: Emporia complex, 10 to 15 percent slopes	Emporia	No	---	---	---	---	---	3,194
	Caroline	No	---	---	---	---	---	213
	Craven	No	---	---	---	---	---	213
	Johnston	Yes	Flood Plain	2B3,3,4	Yes	Yes	Yes	213

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Map Symbol and Map Unit Name	Component	Hydric	Local Landform	Hydric Soils Criteria				Acres
				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
15D: Emporia complex, 10 to 15 percent slopes	Slagle	No	---	---	---	---	---	213
	Uchee	No	---	---	---	---	---	213
15E: Emporia complex, 15 to 25 percent slopes	Emporia	No	---	---	---	---	---	8,740
	Slagle	No	---	---	---	---	---	2,331
	Johnston	Yes	Flood Plain	2B3,3,4	Yes	Yes	Yes	583
15F: Emporia complex, 25 to 50 percent slopes	Emporia	No	---	---	---	---	---	14,893
	Slagle	No	---	---	---	---	---	3,971
	Johnston	Yes	Flood Plain	2B3,3,4	Yes	Yes	Yes	993
16: Izagora loam	Izagora	No	---	---	---	---	---	2,083
	Emporia	No	---	---	---	---	---	98
	Slagle	No	---	---	---	---	---	98
	Yemassee	No	---	---	---	---	---	98
	Bethera	Yes	Depression	2B3,3	Yes	No	Yes	74
17: Johnston complex	Johnston	Yes	Flood Plain	2B3,3,4	Yes	Yes	Yes	5,765
	Axis	Yes	Flood Plain	2B3,3	Yes	No	Yes	384
	Bohicket	Yes	Flood Plain	2B3,3	Yes	No	Yes	384
	Levy	Yes	Flood Plain	2B3,3,4	Yes	Yes	Yes	384
	Nimmo	Yes	Depression	2B3	Yes	No	No	384
	Tomotley	Yes	Depression	2B3	Yes	No	No	384
18B: Kempsville fine sandy loam, 2 to 6 percent slopes	Kempsville	No	---	---	---	---	---	1,790
	Emporia	No	---	---	---	---	---	112
	Kenansville	No	---	---	---	---	---	112
	Slagle	No	---	---	---	---	---	112

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Map Symbol and Map Unit Name	Component	Hydric	Local Landform	Hydric Soils Criteria				Acres
				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
18B: Kempsville fine sandy loam, 2 to 6 percent slopes	Suffolk	No	---	---	---	---	---	112
19B: Kempsville-Emporia fine sandy loams, 2 to 6 percent slopes	Kempsville	No	---	---	---	---	---	4,419
	Emporia	No	---	---	---	---	---	2,651
	Caroline	No	---	---	---	---	---	354
	Kenansville	No	---	---	---	---	---	354
	Slagle	No	---	---	---	---	---	354
	Suffolk	No	---	---	---	---	---	354
	Uchee	No	---	---	---	---	---	354
20B: Kenansville loamy fine sand, 2 to 6 percent slopes	Kenansville	No	---	---	---	---	---	1,066
	Kempsville	No	---	---	---	---	---	50
	Slagle	No	---	---	---	---	---	50
	Suffolk	No	---	---	---	---	---	50
	Uchee	No	---	---	---	---	---	38
21: Levy silty clay	Levy	Yes	Salt Marsh	2B3,3,4	Yes	Yes	Yes	4,307
	Axis	Yes	Salt Marsh	2B3,3	Yes	No	Yes	253
	Bohicket	Yes	Salt Marsh	2B3,3	Yes	No	Yes	253
	Johnston	Yes	Flood Plain	2B3,3,4	Yes	Yes	Yes	253
22: Munden loamy fine sand	Munden	No	---	---	---	---	---	223
	Bojac	No	---	---	---	---	---	10
	Altavista	No	---	---	---	---	---	7
	Dragston	No	---	---	---	---	---	7
23: Newflat silt loam	Newflat	No	---	---	---	---	---	1,345
	Chickahominy	Yes	Depression	2B3	Yes	No	No	118

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				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
23: Newflat silt loam	Peawick	No	---	---	---	---	---	118
	Tetotum	No	---	---	---	---	---	101
24: Nimmo fine sandy loam	Nimmo	Yes	Flat	2B3	Yes	No	No	964
	Altavista	No	---	---	---	---	---	60
	Munden	No	---	---	---	---	---	60
	Seabrook	No	---	---	---	---	---	60
	Tomotley	Yes	Depression	2B3	Yes	No	No	60
25B: Norfolk fine sandy loam, 2 to 6 percent slopes	Norfolk	No	---	---	---	---	---	471
	Emporia	No	---	---	---	---	---	28
	Kempsville	No	---	---	---	---	---	28
	Slagle	No	---	---	---	---	---	28
26B: Pamunkey soils, 2 to 6 percent slopes	Pamunkey	No	---	---	---	---	---	1,119
	Altavista	No	---	---	---	---	---	53
	Bojac	No	---	---	---	---	---	53
	Dogue	No	---	---	---	---	---	53
	Tetotum	No	---	---	---	---	---	39
27: Peawick silt loam	Peawick	No	---	---	---	---	---	3,998
	Chickahominy	Yes	Depression	2B3	Yes	No	No	250
	Dogue	No	---	---	---	---	---	250
	Newflat	No	---	---	---	---	---	250
	Pamunkey	No	---	---	---	---	---	250
28: Seabrook loamy fine sand	Seabrook	No	---	---	---	---	---	927
	Munden	No	---	---	---	---	---	46
	Nimmo	Yes	Depression	2B3	Yes	No	No	46

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				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
28: Seabrook loamy fine sand	Altavista	No	---	---	---	---	---	35
	Bojac	No	---	---	---	---	---	35
	Dragston	No	---	---	---	---	---	35
	Tomotley	Yes	Depression	2B3	Yes	No	No	35
29A: Slagle fine sandy loam, 0 to 2 percent slopes	Slagle	No	---	---	---	---	---	2,409
	Bethera	Yes	Depression	2B3,3	Yes	No	Yes	90
	Emporia	No	---	---	---	---	---	90
	Izagora	No	---	---	---	---	---	90
	Kempsville	No	---	---	---	---	---	90
	Peawick	No	---	---	---	---	---	90
	Yemassee	No	---	---	---	---	---	90
	Uchee	No	---	---	---	---	---	60
29B: Slagle fine sandy loam, 2 to 6 percent slopes	Slagle	No	---	---	---	---	---	9,611
	Emporia	No	---	---	---	---	---	481
	Izagora	No	---	---	---	---	---	481
	Kempsville	No	---	---	---	---	---	481
	Peawick	No	---	---	---	---	---	481
	Uchee	No	---	---	---	---	---	481
30: State fine sandy loam	State	No	---	---	---	---	---	324
	Altavista	No	---	---	---	---	---	11
	Augusta	No	---	---	---	---	---	11
	Dogue	No	---	---	---	---	---	11
	Pamunkey	No	---	---	---	---	---	11
	Tetotum	No	---	---	---	---	---	11

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Map Symbol and Map Unit Name	Component	Hydric	Local Landform	Hydric Soils Criteria				Acres
				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
31B: Suffolk fine sandy loam, 2 to 6 percent slopes	Suffolk	No	---	---	---	---	---	2,990
	Emporia	No	---	---	---	---	---	187
	Kempsville	No	---	---	---	---	---	187
	Kenansville	No	---	---	---	---	---	187
	Slagle	No	---	---	---	---	---	187
32: Tetotum silt loam	Tetotum	No	---	---	---	---	---	455
	Augusta	No	---	---	---	---	---	16
	Chickahominy	Yes	Depression	2B3	Yes	No	No	16
	Newflat	No	---	---	---	---	---	16
	Pamunkey	No	---	---	---	---	---	16
	State	No	---	---	---	---	---	16
33: Tomotley fine sandy loam	Tomotley	Yes	Terrace	2B3	Yes	No	No	4,090
	Altavista	No	---	---	---	---	---	153
	Augusta	No	---	---	---	---	---	153
	Dragston	No	---	---	---	---	---	153
	Munden	No	---	---	---	---	---	153
	Nimmo	Yes	Depression	2B3	Yes	No	No	153
	Seabrook	No	---	---	---	---	---	153
	Bojac	No	---	---	---	---	---	102
34B: Uchee loamy fine sand, 2 to 6 percent slopes	Uchee	No	---	---	---	---	---	1,251
	Emporia	No	---	---	---	---	---	59
	Kempsville	No	---	---	---	---	---	59
	Slagle	No	---	---	---	---	---	59
	Suffolk	No	---	---	---	---	---	44

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				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
34C: Uchee loamy fine sand, 6 to 10 percent slopes	Uchee	No	---	---	---	---	---	349
	Emporia	No	---	---	---	---	---	16
	Kempsville	No	---	---	---	---	---	16
	Slagle	No	---	---	---	---	---	16
	Suffolk	No	---	---	---	---	---	12
35: Udorthents, loamy	Udorthents	Unranked	---	---	---	---	---	2,332
	Pamunkey	No	---	---	---	---	---	124
	Slagle	No	---	---	---	---	---	124
	Suffolk	No	---	---	---	---	---	124
	Uchee	No	---	---	---	---	---	124
	Bethera	Yes	Depression	2B3,3	Yes	No	Yes	93
	Caroline	No	---	---	---	---	---	93
	Emporia	No	---	---	---	---	---	93
36: Udorthents-Dumps complex	Udorthents	Unranked	---	---	---	---	---	73
	Dumps	Unranked	---	---	---	---	---	37
	Igazora	No	---	---	---	---	---	6
	Slagle	No	---	---	---	---	---	6
	Suffolk	No	---	---	---	---	---	6
	Uchee	No	---	---	---	---	---	6
	Bethera	Yes	Depression	2B3,3	Yes	No	Yes	4
	Caroline	No	---	---	---	---	---	4
	Kempsville	No	---	---	---	---	---	4
37: Urban land	Urban land	Unranked	---	---	---	---	---	1,631
	Emporia	No	---	---	---	---	---	154
	Slagle	No	---	---	---	---	---	134

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				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
38: Yemassee fine sandy loam	Yemassee	No	---	---	---	---	---	445
	Bethera	Yes	Depression	2B3,3	Yes	No	Yes	26
	Izagora	No	---	---	---	---	---	26
	Slagle	No	---	---	---	---	---	26
W: Water	Water	Unranked	---	---	---	---	---	40,093